

What is claimed is:

1. An exchanger for a tray feeder for transferring and exchanging a tray plate comprising:

5 first and second support frames;

a guide support unit including a support frame installed between the first and second support frames;

a vacuum generator provided with a side of the second support frame;

10 a nozzle support unit including a pitting unit for transferring a vacuum suction force by connecting it to the vacuum generator, a plurality of vacuum pad for performing a grasp of the tray plate with the vacuum suction force transferred from the pitting unit, and a
15 plurality of stopper capable of supporting the tray plate;

a head block connected to a side of the nozzle support unit;

a guide block installed to a second belt as a
20 state connected to the head block, thereby capable of guiding the nozzle support unit;

a transfer means for transferring the guide block;

a driving means for driving the transfer means.

25 2. The exchanger of claim 1, wherein the transfer means comprises a linear motion guide for guiding the guide block, first and second rollers connected to first

and second roller shafts and rotated by a belt wound,
first and second support blocks for supporting the first
and second shafts, a plurality of pulleys connected to
the first roller shaft for transmitting the rotation
5 force, and a motor for driving the plurality of rollers.

3. The exchanger of claim 1, wherein a sensor
capable of sensing the position of the tray plate is
installed to a side of the first support frame.

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4. The exchanger of claim 1, wherein the nozzle
support unit is formed at the lower end portion of the
head block and a plurality of nozzles are supported in
the nozzle support unit and a plurality of vacuum pads
15 for sucking one side portion of the tray plate and a
plurality of stopper for supporting one side portion of
the tray plate are alternately formed on the respective
nozzles.